

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: January 8, 2002, 21:35:09 ; Search time 47.65 Seconds
(without alignments)
6473.516 Million cell updates/sec

Title: US-09-635-521A-1
Perfect score: 1362
Sequence: 1 atcgcttaccacgcctccc.....ttcaggagcagatgttga 1362

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues
Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA: *
1: /cgn2_6/ptodata/2/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCRMUS.COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	97.6	7.2	1575	3	US-08-858-876A-1
2	97.6	7.2	1575	4	US-09-472-880-1
3	95.8	7.0	1342	3	US-08-832-399-1
4	95.8	7.0	1342	4	US-09-372-498-1
5	85.4	6.3	1529	3	US-08-858-876A-3
6	85.4	6.3	1529	4	US-09-472-880-3
7	82	6.0	1088	4	US-09-077-675A-6
8	82	6.0	1122	4	US-09-077-675A-9
9	78.6	5.8	836	4	US-09-077-675A-11
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17	60.8	4.5	283	4	US-08-993-088A-4
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28	49.4	3.6	1214	4	US-09-478-602-3	Sequence 3, Appl 1
29	48.4	3.6	1581	1	US-08-313-553-8	Sequence 8, Appl 1
30	48.4	3.6	1581	3	US-08-767-993-8	Sequence 8, Appl 1
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44	45	3.3	1161	1	US-08-434-877-2	Sequence 2, Appl 1
45	45	3.3	1161	1	US-08-434-877-2	Sequence 2, Appl 1

ALIGNMENTS

RESULT 1
US-08-858-876A-1
; Sequence 1, Application US/0858876A
; Patent No. 6022856
; GENERAL INFORMATION:
; APPLICANT: Daniel CAPUT
; APPLICANT: Pascale CHALON
; APPLICANT: Pascual FERRARA
; APPLICANT: Vito NATALIO
; TITLE OF INVENTION: Type 2 Neurotensin Receptor
; TITLE OF INVENTION: (hnr-R2)
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
; STREET: 400 Seventh Street
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,876A
; FILING DATE: 19-SEP-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 9723204
; FILING DATE: 17-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,049
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1575 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 37..1266
; US-08-858-876A-1
Query Match 7.2%; Score 97.6; DB 3; Length 1575;

Best Local Similarity 49.2%; Pred. No. 3.4e-14;
Matches 256; Conservative 0; Mismatches 264; Indels 0; Gaps 0;

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RESULT 2

US-09-472-880-1
; Sequence 1, Application US/09472880
; Patent No. 6274333

GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
Pascal CHALON
Pascual FERRARA

TITLE OF INVENTION: Type 2 Neurotensin Receptor
(hnt-R2)
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
STREET: 400 Seventh Street
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/472,880
FILING DATE: 28-Dec-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.

REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:

LENGTH: 1575 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens

FEATURE:
NAME/KEY: CDS
LOCATION: 37..1266
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-472-880-1

Query Match 7.2%; Score 97.6; DB 4; Length 1575;
Best Local Similarity 49.2%; Pred. No. 3.4e-14;
Matches 256; Conservative 0; Mismatches 264; Indels 0; Gaps 0;

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RESULT 3

US-08-832-399-1
; Sequence 1, Application US/08832399
; Patent No. 6008050

GENERAL INFORMATION:
APPLICANT: Bergsma, Derk

TITLE OF INVENTION: NOVEL HUMAN NEUROTENSIN RECEPTOR TYPE 2
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA

CITY: Rahway
 STATE: NJ
 COUNTRY: USA
 ZIP: 07065-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatilide
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEO for Windows Version 2.0.
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/077,675A
 FILING DATE: 3-JUN-1998
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Cocuzzo, Anna L.
 REGISTRATION NUMBER: 42,452
 REFERENCE/DOCKET NUMBER: 19590P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 732-594-1273
 TELEFAX: 732-594-4720
 TELEX:
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1088 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-077-675A-6

Query Match	-	6.0%;	Score 82;	DB 4;	Length 1088;
Best Local Similarity	50.7%;	Pred. No. 1.4e-10;			
Matches	224;	Conservative	0;	Mismatches 215;	Indels 3;
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OY	537	cctgtgtgaactgtgccagcagc	558
Db	548	GAACGACACCGACCTTGGGAC	569

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1 Sequence 9, Application US/09077675A
2 Patent No. 6242199
3
4 GENERAL INFORMATION:
5
6 APPLICANT: Pal, Lee-Yuh
7
8 APPLICANT: Feigner, Scott C.
9
10 APPLICANT: Howard, Andrew D.
11
12 APPLICANT: Pong, Sheng-Shung
13
14 APPLICANT: Van Der Ploeg, Leonardus H.T.
15
16 TITLE OF INVENTION: RECEPTOR ASSAY
17
18 NUMBER OF SEQUENCES: 16
19
20 CORRESPONDENCE ADDRESS:
21
22 ADDRESSSEE: Merck & Co., Inc.
23
24 STREET: P.O. Box 2000, 126 E. Lincoln Ave
25
26 CITY: Rahway
27
28 STATE: NJ
29
30 COUNTRY: USA
31
32 ZIP: 07065-0900
33
34 COMPUTER READABLE FORM:
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36 MEDIUM TYPE: Diskette
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38 COMPUTER: IBM Compatible
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40 OPERATING SYSTEM: DOS
41
42 SOFTWARE: FASTSEQ for Windows Version 2.0
43
44 CURRENT APPLICATION DATA:
45
46 APPLICATION NUMBER: US/09/077,675A
47
48 FILING DATE: 3-JUN-1998
49
50 CLASSIFICATION:
51
52 PRIOR APPLICATION DATA:
53
54 APPLICATION NUMBER:
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56 FILING DATE:
57
58 ATTORNEY/AGENT INFORMATION:
59
60 NAME: Cocuzzo, Anna L.
61
62 REGISTRATION NUMBER: 42,452
63
64 REFERENCE/DOCKET NUMBER: 19590P
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66 TELECOMMUNICATION INFORMATION:
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68 TELEPHONE: 732-594-1273
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Query Match	6.0%;	Score 82;	DB 4;	Length 1122;
Best Local Similarity	50.7%;	Pred. No. 1.5e-10;		
Matches 224;	Conservative	0;	Mismatches 215;	Indels 3;
				Gaps 1.

Oy	117	caatttcgtatgagcccttcctggggaacagagccacatttcggttaccacagatgtctga	176
Db	396	CACTCGCTGGCACTCTTTCGTGTGGGTATGCGTGGGCAACCTGCTACATGCTGTGGGT	455
Oy	177	gaagaaagatactgtcagaagaagatgtacaagacacataagttgaatttgctgttcgga	236
Db	456	GTCGGGCTTCCGCGAGCTGGCACCACACCAACCACTTACCTGTTCACGATGAGCTTCTC	515
Oy	237	catcttggttgtcctcatcgacatgcccattggagttctacagcatatctgatatccct	296
Db	516	CGATTCGTCTACTTCTCTCTCTGCATAGCCCTGTGACTCTGTTGG---CCCTGTGGCGATACCG	572
Oy	297	gaccacgtccagactaacacacctgtccttgaagctgcacacttctctcttcgaagcgtcag	356
Db	573	GCCCTGGACTTTGGCGGACCTCTCTCTGTGCAAACTTTTCCATTTCTCATGTAGAGCTGTGAC	632
Oy	357	ctaacgtacgtctgtcagcagtgctgcacactcaactgaactttgaagcgtacataclogacatctga	416
Db	633	CTAGCCACAGGTGCTACACATCACAGCGCTGAGCGGTACTTCCCATCTGCTT	692
Oy	417	ccctctcaagtaaacgctgtgttcgggaaccttgccaggtgaagctgctgaatttgcttcgt	476

Db 693 CCCACTCCGGCCCAAGGTGTGTGTCACCAAGGGCGGTGAAGCTGTCTCTTCAT 752
Qy 477 ctgggtacactccgcccctgtgtgcaactgcccctgtgttgcacatggtactgacaccc 536
Db 753 CTGGGCGCTTCTGTCAGCGCCGCCCATCTTCTGTCTAGTGTGGGTGAGACACGA 812
Qy 537 cctgtgtaacgtgtgcccagccac 558
Db 813 GAACGGCACCAGCCCTTGGGAC 834

RESULT 9

US-09-077-675A-11
; Sequence 11, Application US/09077675A
; Patent No. 6242199
; GENERAL INFORMATION:
; APPLICANT: Pai, Lee-Yuh
; APPLICANT: Feighner, Scott C.
; APPLICANT: Howard, Andrew D.
; APPLICANT: Pong, Sheng-Shung
; APPLICANT: Van Der Ploeg, Leonardus H.T.
; TITLE OF INVENTION: RECEPTOR ASSAY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/077, 675A
; FILING DATE: 3-JUN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Cocuzzo, Anna L.
; REGISTRATION NUMBER: 42,452
; REFERENCE/DOCKET NUMBER: 19590P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-1273
; TELEFAX: 732-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 836 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-077-675A-11

Query Match 5.8%; Score 78.6; DB 4; Length 836;
Best Local Similarity 55.2%; Pred. No. 8.4e-10;
Matches 175; Conservative 0; Mismatches 139; Indels 3; Gaps 1;

Qy 242 tgggttctctatgcatgcccacatgaggttctaagcatcatctggaatccctgacca 301
Db 4 TGTCTATCTTCTCTGTCAGCGCCGCCCATCTTCTGTCTAGTGTGGGTGAGACACGA 60
Qy 302 cttccagctacacccctgtgcaagctgcaacattctctcttcgagggcctgacgtacg 361
Db 61 GGAACCTTGGCGGCACTCTCTCTGCAAACTCTTGCATTGTGTGATGAGAGAGCTGCACTACG 120
Qy 362 ctacgtcgtcagcagtgctgaacactcagctttagcgctacatcgccatctgtacacct 421

Db 121 CCACGCTGCTACCATCATCAGACGCTGACGCGCTGAGCGCTACTTGTGCATCTGCTCCAC 180
Qy 422 tcaggtaaagcgtgtgtcggagacctgcaggtgaagcgtcgtatgtgtctgtgg 481
Db 181 TCCGGCCCAAGGTGTGTGTACCAAGGGCGGTGAAGCTGTCTATCTTGTGTCATCTGG 240
Qy 482 tcacctccgcccctgtggaactgcccctgtgttgcacatggtactgagtaaccccttg 541
Db 241 CCGTGGCCTTCTGTCAGCGCCGCCCATCTTCTGTCTAGTGTGGGTGAGACACGAACG 300
Qy 542 tgaacgtgcccagccac 558
Db 301 GCACCGACCCCTTGGGAC 317

RESULT 10

US-09-077-675A-15
; Sequence 15, Application US/09077675A
; Patent No. 6242199
; GENERAL INFORMATION:
; APPLICANT: Pai, Lee-Yuh
; APPLICANT: Feighner, Scott C.
; APPLICANT: Howard, Andrew D.
; APPLICANT: Pong, Sheng-Shung
; APPLICANT: Van Der Ploeg, Leonardus H.T.
; TITLE OF INVENTION: RECEPTOR ASSAY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/077, 675A
; FILING DATE: 3-JUN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Cocuzzo, Anna L.
; REGISTRATION NUMBER: 42,452
; REFERENCE/DOCKET NUMBER: 19590P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-1273
; TELEFAX: 732-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1092 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-077-675A-15

Query Match 5.7%; Score 77.2; DB 4; Length 1092;
Best Local Similarity 53.8%; Pred. No. 1.9e-09;
Matches 182; Conservative 0; Mismatches 153; Indels 3; Gaps 1;

Qy 224 tggcttctcggaacatctgtgttctctatgcatgcccacatgaggttctaagcat-- 281
Db 242 TGTCCACGATGGCCTTCTGTCAGCGCCGCCCATCTTCTGTCTAGTGTGGGTGAGACACGCTGTC 301

MOLECULE TYPE: cDNA

MOLECULE TYPE: DNA (genomic)

